



Zodiac 4000

FINGERPRINT VERIFICATION TERMINAL



HIGHLIGHTS

- Up to 4,000 templates stored in memory for fast “card-less” authentication
- Centralized enrollment from a Windows PC and built-in TCP/IP interface
- Wiegand interface for connection to access control systems
- Supports fingerprint only, fingerprint + pin, proximity card + fingerprint (optional)
- Other features include large LCD Display and Voice Prompts

Overview

Cansec's **Zodiac 4000 Fingerprint Terminals** utilize durable optical sensors and numerous configuration options to provide a completely flexible and "card-less" biometric solution. Zodiac 4000 users can be enrolled for fingerprint-only, password + fingerprint, or card + fingerprint (RF version only) authentication on an individual basis. Zodiac 4000 can operate in both stand-alone mode and server-based configurations with up to 255 connected terminals and support for 10,000 users.

The Zodiac 4000 Terminal features a large LCD screen and voice prompts to provide both users and administrators with clear indication of usage and programming instructions. Three LED's provide indication of Power, Network Connection, and Door Status. "Auto-ON" is a truly unique feature that turns the scanner ON when pressure is sensed from the presence of a user's finger. This feature allows "fingerprint-only" users quick access without the need to enter PIN numbers.

Zodiac 4000 Terminals easily connect to most access control systems via industry standard Wiegand interface for easy migration to biometric security. Enrollment can be performed directly on the Zodiac 4000 Terminal or centrally using Remote Management

Software and a TCP/IP connection. For users with simple access control requirements, the Zodiac 4000 can control a locking device directly without the need for a full-featured access control system.

In Terminal Authentication Mode, Zodiac 4000 supports up to 4,000 fingerprint templates while up to 10,000 templates are supported in Server Authentication Mode. When multiple Zodiac Terminals are required, template enrollment and Terminal management is performed on a Windows-based PC using a desktop USB fingerprint scanner and the included software. Real-time status and events can also be viewed using included Remote Monitoring software.

Conclusion

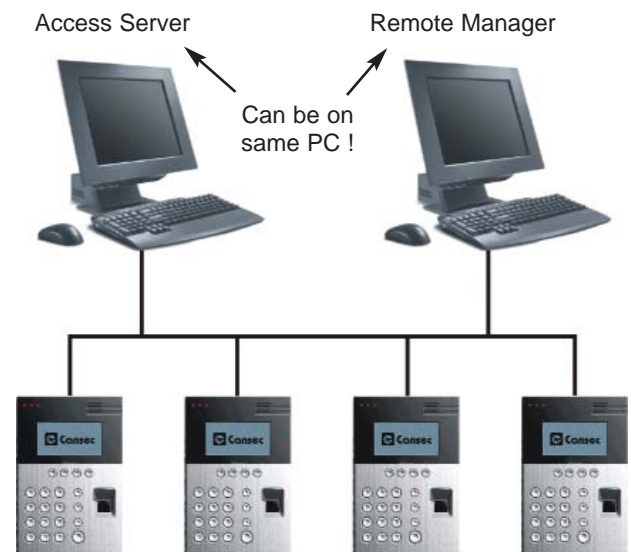
The combination of features engineered into the Zodiac 4000 solution make it the most flexible and reliable biometric solution on the market today. Users of this system will benefit from the high level of security provided by biometrics while enjoying the convenience and cost savings of a "card-less" access control solution.

Specifications

Zodiac 4000 Fingerprint Terminal

Communications:	26/37 Bit Wiegand, TCP/IP, RS-232
Visual Indicators:	Power, Network Link, Lock Relay
Audible Indicators:	Voice prompts, Buzzer
Size:	135 (W)*45 (L)*202.5 (H) mm
Operating Temp.:	-10°C to 60°C
Environment:	Indoor / Outdoor with enclosure
Power Adapter:	Plug-in 110 VAC IN, 12VDC, 3A OUT
Users:	
Server-based:	5,000 users (2 fingerprints per 1 user) 10,000 users (1 fingerprint per 1 user)
Terminal:	2,000 users (2 fingerprints per 1 user) 4,000 users (1 fingerprint per 1 user)
Note:	For > 500 templates, recommended use is "Finger + PIN"
Sensor:	
Type:	Optical by Nitgen
Resolution:	500 DPI
Additional:	Auto ON, Latent Image Check
Authentication:	
Speed:	1:1 mode: T < 1 sec. 1:N mode: Avg. 2.5sec (1,000FP, Server) Avg. 2sec (500FP, Terminal) Avg. 1sec (300FP, Terminal)
Algorithm:	FRR: 0.1 % or less, FAR: 0.001 % or less
Options:	HID RF (Proximity) Module
Warranty:	1 Year

Typical Server-Based Configuration



Up to 255 Zodiac 4000 Terminals via TCP/IP

Note: Access control system not shown. Zodiac 4000 Terminals can connect to access control systems via standard Wiegand interface.

Note: Specifications are subject to change without notice.



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